20001105.ba v03_n028.bam.20001105

>From ???@??? Sun Nov 5 20:43:46 2000 -0600
Date: Sun, 5 Nov 2000 20:41:44 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3028
Message-Id: <20001106034203.60D13364@devel43.theporch.com>

BOATANCHORS Digest 3028

Topics covered in this issue include:

1) Re: WOJ
by "Hue Miller" <kargokult@proaxis.com>
2) Needed 2050
by "Arthur I. Larky" <ail0@lehigh.edu>
3) Re: Mystery aircraft radio/radar unit?
by "Roberta J. Barmore" <rbarmore@email.msn.com>
4) Re: FS: QSTs, 1950, 1953 & 1954
by john <johnmb@mindspring.com>
5) Re: More ???s on screen mod !
by "Barry L. Ornitz" <ornitz@tricon.net>
6) RE: Audio amplifier using 833 tube
by "russ dworakowski" <wb3fau@hotmail.com>
7) Measurements model 59 GDO
by Tom Smith <tsmith@hal-pc.org>
8) Re: Measurements model 59 GDO
by "Hue Miller" <kargokult@proaxis.com>
9) Re: Measurements model 59 GDO
by Al Klase <skywaves@bw.webex.net>
10) Re: Measurements model 59 GDO
by Don Reaves <dr@cei.net>
11) Re: Measurements model 59 GDO
by Al Klase <skywaves@bw.webex.net>
12) Interesting Page
by "David L. Stinson" <arc5@ix.netcom.com>
13) Re: Mystery aircraft radio/radar unit?
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
14) tubes for HP606A/B
by Arden Allen <gumbear@pacbell.net>
15) the marines, others
by mnhopkins@juno.com
16) ADMINISTRIVIA: Using The Archives
by listown@nanniandjack.com (Mail List Owner)
17) Collins F455J-05 500Hz filter for 75A-4 FS
by Sandy Gerli <angerli@home.com>
18) Re: Info Wanted: Test Instrument

by BobR <brainbol@sunflower.com>
19) tubes wanted
by Arden Allen <gumbear@pacbell.net>
20) BC-348R: I looked but did not see...
by Ian Abbott <ian@gene.com>
21) FS: Tubes!
by William Donzelli <aw288@osfn.org>

Message-ID: <004d01c04691$a2d145c0$38c16ac6@oemcomputer>
From: "Hue Miller" <kargokult@proaxis.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: WOJ
Date: Sat, 4 Nov 2000 11:01:23 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone have info on a point-to-point radio station in Hialeah,
Florida, which appears in my Berne call sign list for 1947.
Who did this station belong to, what did it do, and when did
it go under (assuming it disappeared)?
Tnx, Hue Miller

Message-ID: <3A046945.7E16FE9C@lehigh.edu>
Date: Sat, 04 Nov 2000 14:53:42 -0500
From: "Arthur I. Larky" <ail0@lehigh.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Needed 2050
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,
A number of list members have promised me one or more 2050's. I
didn't know that they were so prevalent.
Thanks to all, I will contact the donors directly off of the list.
Art K3HBA

Message-ID: <002a01c046a2$81a20860$c05e0387@satellite>
From: "Roberta J. Barmore" <rbarmore@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Mystery aircraft radio/radar unit?
Date: Sat, 4 Nov 2000 16:02:12 -0500

>Sigh.< And these tennis shoes taste so *awful,* too!

As many folks have pointed out, I've managed to get klystrons and magnetrons crossed up. (The offspring, klymatrons, are amusing but useless osculators, btw; you'd be better off raising plain mules).

Actually, it's reflex klystrons of which I was thinking, the smallish ones that live in an octal socket with one pin receptacle emptied to clear a bitty chunk of hardline-ish stuff that usually ends up coupled to a cavity or waveguide. (I'd try to fast-talk my way out of the wrong term by pointing out a cavity maggie is *also* a re-entrant cavity oscillator but forsooth, I had a choice of words and I *did* grab the wrong one).

The real big, amplifier-type klystrons I've been so pleased to avoid in the course of committing Television Transmitter Tech-ing haven't got repellers either, if I remember right. They don't need 'em, the spare electrons just pile up in the collector (honest!) instead of being recycled an' get hauled away with the furnace ash....

73,
--Bobbi

Roberta J. (Bobbi) Barmore KB9GKX "RJ" rbarmore@email.msn.com
SOWP 5598-TA * FISTS 3388 * ARRL * RSGB * WIA
Builder, restorer and user of vintage keys and tube-type ham gear

----
Message-Id: <3.0.3.32.20001104162731.00e1368c@mindspring.com>
Date: Sat, 04 Nov 2000 16:27:31 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@mindspring.com>
Subject: Re: FS: QSTs, 1950, 1953 & 1954
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Joseph I'll take 53 or 54
Best
John

At 10:59 AM 11/4/00 -0500, Joseph W. Pinner wrote:
>I have the following complete years of QST for sale:
>
>1950
>1953
>1954
>
>$ 15 per year plus shipping.

>
>73
>Joseph Pinner
>818 Hill Street
>Kingston, TN 37763
>
>KC5IJD / NNN0PHR
>
>Joseph W Pinner +
>Kingston, TN
>KC5IJD / NNN0PHR
>EMail: kc5ijd@sprintmail.com
>
>

Message-ID: <006f01c046ba$dc05c180$ef5c62d8@naxs.com>
From: "Barry L. Ornitz" <ornitz@tricon.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: More ???s on screen mod !
Date: Sat, 4 Nov 2000 18:56:31 -0500
MIME-Version: 1.0
Content-Type: text/plain;
     charset="utf-8"
Content-Transfer-Encoding: 7bit

Marty wrote:

> I've heard screen modulation called "another form of efficiency
> modulation."

Yes.

> "Efficiency modulation" being a mechanism to change the RF
> output envelope by changing eficiency of RF output mode of operation -
> say from AB1 to C by changing screen grid voltage.

No, Arden is correct on this one. Grid voltage and the conduction angle determine the class of operation.

> I won't go into grid or cathode modulation, tho these 2 are almost
> the same.

Not exactly. Cathode modulation combines the operation of grid modulation with a different way of doing plate modulation. In cathode modulation, the modulation transformer and the power supply are in series, just as with plate modulation but the ground is at a different point. By tapping the modulation transformer secondary, or by preferably having a separate winding, the grid may be modulated at any fraction of the voltage applied to the cathode. When the tap provides lots of grid (audio) drive, you approach grid modulation and the power required of the modulator is small. With very little (audio) grid drive, you approach plate modulation and the power requirement is large. With a separate winding, you can even drive the grid with audio that is out of phase with the cathode drive - which increases drive power further still. [I am not sure why someone would want this.] The analagous situation in cathode driven amplifiers is called seemi- and super-cathode driven operation.

> *& W E Stinghouse made a whole mess of efficiency mod things for the Navy
> with 803 tubes & supressor mod.. TBY et. al. There might be
> supressor mod. secrets that have gone fallow - tho these supressor mod
> brutes were down to about 25% CW out on voice. So gotta be near-same
> idea. as screen mod. doncha think?

Suppressor modulation is quite nonlinear and you get very little power output. For true pentodes (not beam tubes), performance is acceptable for some applications. In the early days, suppressor modulation was easy to obtain by using a carbon microphone to drive the modulation transformer with no additional modulation. Cheap and easy. Beam power tetrodes where the beam forming plates are separate from the cathode MAY sometimes be run this way, but the results are usually quite poor.

Screen modulation is capable of excellent fidelity if care is taken. One problem is that the screen grids draw considerable power as their voltage increases. So the load seen by the modulating source is quite nonlinear. This is why many screen modulators used a swamping resistor across the modulation transformer secondary, and ran about twice as much audio power as was necessary with the excess being dissipated by the resistor.
This is only a partial solution, however, and the better screen modulators always used negative feedback to compensate for the nonlinear load.

73, Barry L. Ornitz   WA4VZQ   ornitz@tricon.net

From: "russ dworakowski" <wb3fau@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Audio amplifier using 833 tube
Date: Sat, 04 Nov 2000 20:08:21 EST
Mime-Version: 1.0
Content-Type: text/plain; format=flowed
Message-ID: <LAW2-F125XvEbjkyqU700006b1c@hotmail.com>

You got to admit- its definitely different- Russ

>From: Morris Odell <MorrisO@vifp.monash.edu.au>

>Reply-To: MorrisO@vifp.monash.edu.au
>To: Old Tube Radios <boatanchors@theporch.com>
>Subject: RE: Audio amplifier using 833 tube
>Date: Thu, 2 Nov 2000 15:45:06 +1100
>
>
> > With respect to technology, there is nothing new under the
> > sun with this
> > product. What is new however, is the gimmick!
> >
> > http://www.wavac-audio.gr.jp/he833_e.html
>
>Pass the barf bag! They might pass as sculptures of a sort i suppose.
>
>Morris
>

Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com.

Share information about yourself, create your own public profile at
http://profiles.msn.com.

Message-ID: <3A04C0B6.C886E704@hal-pc.org>
Date: Sat, 04 Nov 2000 20:06:47 -0600
From: Tom Smith <tsmith@hal-pc.org>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Measurements model 59 GDO
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have an orphan Measurements Model 59 GDO that has several problems and needs a little TLC. It appears to be complete and in nice cosmetic shape with a good meter but it also looks like someone may have "repaired" the little guy and it no longer "dips it's grid".

I'm looking for a copy of a schematic or someone to look at their schematic and give me a idea what goes between the cathode of the 955 and ground. Looks like the original component may have been a choke but dunno for sure.

A cpy of the schematic, a scan or just a verbal after a look see would be greatly appreciated.
Thanks!
Tom N5AMA

Message-ID: <002a01c046e6$388c11e0$2ac16ac6@oemcomputer>
From: "Hue Miller" <kargokult@proaxis.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Measurements model 59 GDO
Date: Sat, 4 Nov 2000 21:06:52 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I have an orphan Measurements Model 59 GDO that has several problems and
> needs a little TLC....

reading about this GDO caused me to recall one i would be happy to get any info on (but that's a really long shot....). This one was built by Oregon Electronics, and used 1 submini tube of unknown type. Since it is battery powered, it would, i suppose, have to be a 1.5-fil triode, or triode-wired pentode, submini. I am thinking altho the thing has no coils or data with it, because of its otherwise good condition, and orphan-ness, it deserves to live, and not only that, maybe have an FET substituted in, and some kind of coil adapter made. I would appreciate even hearing about any advertising or pricelist original info about the thing.
Tnx, Hue Miller

Message-ID: <3A052218.6CEF7274@bw.webex.net>
Date: Sun, 05 Nov 2000 01:02:16 -0800
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Measurements model 59 GDO
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom,

Neither the schematic nor parts list is much help with this. It's a choke wound around a 0.2-watt resistor. Maybe #30 wire. The thing is covered with spagetti or such. Parts list does state that the resistor is 3/16" diameter and 13/32 long. It would be a pretty delicate proposition to

tear it apart to see exactly what it is.
Manual states that the usual reason for no oscillation is cracked ceramic insulator on the variable cap.

73,
Al

Tom Smith wrote:

> I'm looking for a copy of a schematic or someone to look at their
> schematic and give me a idea what goes between the cathode of the 955
> and ground. Looks like the original component may have been a choke but
> dunno for sure.

--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: http://www.webex.net/~skywaves/home.htm

Date: Sun, 5 Nov 2000 00:23:38 -0600 (CST)
From: Don Reaves <dr@cei.net>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Measurements model 59 GDO
Message-ID: <Pine.LNX.4.10.10011042334570.29772-100000@wa5bbs.radiohome.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Its a QUOCK, Tom.

Yep, that is what the parts list says. I'd say its a quenching choke, but still a curious name from the table of replaceable parts:

QUOCK, resistor and coil: coaxial and parallel; body dim. 13/32" x 3/16" dia; two axial wire leads. Measurements Corp. Dwg H-1980. Regulates cathode potential. Of course this drawing is missing.

I took mine apart by removing the paper and glue covering. Looks like 30 turns of # 28 or 30 on a 1/2 watt carbon comp. resistor. Ok, now to redope the QUOCK so the turns won't unwind. Resistor value unknown.
The DC resistance through the coil is 44.3 ohms.

Don Reaves W5OR Little Rock AR
EM34, CCA, QCWA, AMI, ARRL LM

dr@cei.net R-390 list manager
www.militaryradio.com

>
> I'm looking for a copy of a schematic or someone to look at their
> schematic and give me a idea what goes between the cathode of the 955
> and ground. Looks like the original component may have been a choke but
> dunno for sure.
>

Message-ID: <3A052BAC.2A7CA1BC@bw.webex.net>
Date: Sun, 05 Nov 2000 01:43:08 -0800
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Measurements model 59 GDO
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sounds like it might be resistance wire. #30 copper is
supposed to be 105 ohms per 1000 feet.

Don Reaves wrote:
......
> I took mine apart by removing the paper and glue covering. Looks like 30
> turns of # 28 or 30 on a 1/2 watt carbon comp. resistor. Ok, now to
> redope the QUOCK so the turns won't unwind. Resistor value unknown.
> The DC resistance through the coil is 44.3 ohms.

--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: http://www.webex.net/~skywaves/home.htm

Message-ID: <3A055030.319ED44A@ix.netcom.com>
Date: Sun, 05 Nov 2000 06:18:56 -0600
From: "David L. Stinson" <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Interesting Page
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Interesting article, if you do anything with bias cells.
There's a "rejuvination" tactic at the end.

http://members.aol.com/caschwark/biascell.htm

Date: Sun, 5 Nov 2000 08:17:38 -0500
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <200011051317.IAA21718@aa4rm.ba-watch.org.>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Mystery aircraft radio/radar unit?

Dave the 726 was the 10CM (3000 mcs) version of the 1 cavity 3cm 723. So your guess re circular waveguides might be right, but they're .1 wavelength @ 10mm, awfully small... waveguides are usually some multiple of .25 wavelength for rectangular but I can't say for circular. Maybe some rod sticks in each 10mm hole & they're really coax sockets.

Wonder of RAD meant radar & have no guess for BEA (beam - why not just add last letter). Guess B. O. is beat oscillator.

Neat puzzle,

Marty

Date: Sun, 05 Nov 2000 07:34:39 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: tubes for HP606A/B
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0G3K0024T5U59I@mta6.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=487092450

Arden Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net

To: Old Tube Radios <boatanchors@theporch.com>
Date: Sun, 5 Nov 2000 11:06:14 -0600
Subject: the marines, others
Message-ID: <20001105.110617.-50597.0.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

From: mnhopkins@juno.com

list of obscure diagrams, pics at end

I celebrated the toughness of classic ocean-going regenerative receivers despite never meeting one.

I had only an occasional sighting, but now, thanks to chancing on Sgt. Chas. R. Strong's 1943 copy of "Practical Radio Communication," I can ogle a genuine Mackay 117B with all six sets of plug-in coils or fight the urge for one more Dayton in search of a RMCA 8503 with its National dial and shock mounts.

The authors of this retreaded 1935 reference included an entire chapter of Marine RXs, another on Marine TXs and, of course, a lot of aviation radio. Another book, about Air Power, had a lot of people thinking all the rules chnaged around then. Back to the sea, several 'Lifeboat" TX/RX sets would be happy at an AWA field day and there's enough technical stuff in this book to keep a concrete ship on the air however long the Liberties lasted.

But maybe you're not enamored of three 6K7s to a 6F6? There still might be something you've long sought -- a diagram or picture -- so I append a list of all the commercial stuff covered. I'll have an annotated version for the asking soon, but if you collect, say, radio direction finders, you're likely to know which of these have big steering wheels.

>From Nilson, A.R., and Horning, J.L. "Practical Radio Communication," 2d ed., 1943 (1st ed. 1935) McGraw-Hill

Commercial radio equipment examined:

-- Mackay: Models 101A, 105A, 109, 117B, 122A,B, 123, 131A, 136A, ET-8012-B, ET-8503.

-- RCA: 49A, 76B.

-- RMCA: AR-5503, -8530, -8600, -8703, 8703-B; EJ-8007; ET-8010C, -8012B, -8019.

-- Western Electric: 1A, 2A, 12A, 14C, 22D, 23C, 25C, 27B, 29A, 405B-2, 442A, 503A.

73 de ab5L, michael in dallas, cataloger of converters,
Student of 6M's Golden Age: 1956-58. Box 226841, 75222
MNHopkins@JUNO.com

```
------------------------------
Message-Id: <200011051915.eA5JF0414795@osr506.nanniandjack.com>
From: listown@nanniandjack.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Using The Archives
Date: Sun, 5 Nov 2000 11:15:00 -0800 (PST)

Gang-

          !!!THIS INFORMATION HAS CHANGED!!!!

       !!!SAVE THIS FILE FOR FUTURE REFERENCE!!!!!

This periodic post is designed to help everyone gain more value from
their boatanchors subscription.

Often I receive an email request, or I read on the list, of someone
who is aware there is an archive available with some special files
with special information that is of a more permenant nature than a
post to the list, but who is unaware of how to retrieve these gems.

In the archives, there are cross-reference tables for Tubes, Military
Equipment Nomenclature, suggestions for restorations and modifications
to our beloved fire bottle rigs, and some wonderful stories of real
adventures and the people involved.

These files may be accessed by the Web... quickly and easily.
These files can also be accessed by email.

For WWW access:
     go to http://www.theporch.com
     select "Mailing List Web Interface"
     on your first time there, click "Register For Full Account"
     follow the instructions, and BE SURE you use the email address
        that you have your BoatAnchors mail addressed to -- this interface
        will work ONLY for members of the list!
     Once registered, you can:
        search the archives of previous posts (so far we haven't loaded
           all the previous posts online, but that is in the works;
        download the index of files;
        retrieve individual files
        manage your subscription via the web interface
AWESOME!

For email access:
Step One:
   send an email (leave the subject blank, or, if your mailer
        requires a subject, type a single character, like "a" in
```

the subject box) to:
listproc@sco.theporch.com

Step Two:
in the body type:
index boatanchors

NOTE: The index *includes* all the previous articles now available through the web interface, so the index is HUGE and difficult to search -- the web interface is much easier.

Step Three:
after checking out the index for files of interest, and finding the one or more you want to have sent to you, send another email to:
listproc@sco.theporch.com

and, in the body, type:
get boatanchors file.name

where you substitute the name of the file from the index for "file.name"

This should get you off to a good start. If you encounter any problems, please let me know at the address below.

--
73
Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"
Sun Nov 5 11:15:00 PST 2000

Message-ID: <3A05D81F.B073261D@home.com>
Date: Sun, 05 Nov 2000 16:58:55 -0500
From: Sandy Gerli <angerli@home.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Collins F455J-05 500Hz filter for 75A-4 FS
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, folks,

Collins p/n 526 9154 00, Serial #6938. Looks perfect, works just fine. $275 and I ship.

73,

--
Sandy Gerli, AC1Y
500 Country Club Road
Avon, CT 06001-2406 USA
Telephone: 1-860-675-5566
E-Mail: angerli@home.com

Life Member: ARRL & QCWA
CCA, HCA, and Old Heathkit Green!!

Boatanchors are Ham Radio's heritage!
Restore something, anything! Smell that hot solder!
Better 'n booze...
And, you can get up afterwards if you stay away from the B+!!
Keep your finals dipped, now...

Message-ID: <3A05F0CF.C784E464@sunflower.com>
Date: Sun, 05 Nov 2000 17:44:15 -0600
From: BobR <brainbol@sunflower.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Info Wanted: Test Instrument
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Last week I posted a help message here for a
manual for a Measurements
Model 139 Sig Gen ("IF Osc." as they call it).
Well I located and
was able to borrow a manual! Have scanned it and
posted to BAMA
http://bama.sbc.edu
uploads section, just in case someone else out
there is in need.
BTW, the lil unit is working great! A nice
addition to the work bench.
Bob/WB0AUQ

Date: Sun, 05 Nov 2000 15:46:34 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: tubes wanted
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0G3K00BY5SLS7O@mta6.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

I've been lining up some spares for a few restoration projects and snagged off of ePuddle a stick of five #78 tubes branded by ForDom (stands for Foreign-Domestic brand). Who made 'em I dunno but they were new in unopened boxes and two were duds. Seems like ForDom was a conduit for castoffs like other junk movers (does Radio Shack come to mind?).

Well, anyway, I don't need anymore 78's. I'm looking for a couple of good 84/6Z4 rectifiers and a nice 75 duodiode-triode. Any NIB stock anyone wanna part wid?

Arden Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net

Message-ID: <3A06094E.4CC22413@gene.com>
Date: Sun, 05 Nov 2000 17:28:46 -0800
From: Ian Abbott <ian@gene.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BC-348R: I looked but did not see...
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello-

Man, do I feel silly. I spent hours looking but didn't SEE. Let me explain...

Last week I posted saying that I was working on a beautiful BC-348R that is destined to take its place in a B-17 that is currently being restored. This set's external appearance is the *finest* I have ever seen, but unfortunately it was the victim of a "conversion" to run on AC power- or a partial conversion, anyway. The external appearance of the set and what appeared to be the mild nature of the conversion work justified my undertaking this project.

By the way, the Boatanchor list community is a unique and wonderful place- I received several generous offers of help when I asked if anyone had wiring diagrams and schematics for the "R" model, and I am now well equipped with schematic, wiring diagram, and parts lists.

Armed with the diagrams I've received, it didn't take long to understand and reverse the changes that had been made to the filament wiring. This fellow had intended to install a 6.3V supply, and in preparation he had landed supply wires and grounds in almost enough places to drop 6.3V across each tube individually. In all but one case he left the stock filament wiring in place, using it to his advantage. He quit, however, before running a supply line to the oscillator tube, which was one less wire for me to remove.

There were a few other things I found and corrected, mostly having to do with the routing of 28VDC power inside the set and a broken capacitor lead that appeared to be the result of bench handling. So far, so good- I was feeling like I was on top of things. Then I started looking at a couple of loose leads under the rear left corner of the chassis- and I realized that I had been blind- blind, I tell you!

Now, in my defense, the two BC-348s I own are both Q models, and I'm new to the layout of the R. I'm used to the BIG filter capacitor underneath the chassis of the Q, and the R has a whole gaggle of individual caps mounted in that location that I knew I had to check for leakage but hadn't thought much more about. I didn't think much of the oddly "open" area in that rear left corner, until I began looking for the filament voltage dropping resistors 76A and 76B. Where the heck are they? And- sense of dread coming over me now- what are these tapped holes in the chassis with noting attached to them?

A quick look at the diagrams provided by my good neighbors from the Boatanchor list showed clearly what I hadn't even realized- the long-gone "converter" of this set had REMOVED the power supply filter choke (part 100) along with filament resistors 76A and 76B, and battery filter capacitor 49-4A/B.

(Sound of my hand slapping my forehead...)

So- I'm stuck. Does anyone have a junker BC-348H, K, L, or R from which they would sell some parts? Obviously I could find equivalent components and cobble it together, but I'd like this set to be as original as possible. I'd even buy the whole junker set just to have these parts and others if I needed them in the future. If you can help, please respond directly to ian@gene.com .

Thanks for reading!

Ian Abbott

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Ian E. Abbott | email: ian@gene.com

Date: Sun, 5 Nov 2000 21:40:47 -0500 (EST)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Tubes!
Message-ID: <Pine.SUN.3.91-FP.1001105212447.20706A-100000@osfn.org>
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MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Lots more tubes to get rid of. Once again, these lots are priced at $20 even, and that includes shipping in the US. Non-US BA'ers are also encouraged, but I will have to refigure shipping on a case by case basis. The lots are for raw, untested tubes, with the obvious gassy and broken ones removed. These are not junk TV tubes - these are all cool BA type tubes good for communications and military equipment. If the tube is not in *Tube Lore*, it is not included!

The lots:

A) Sixty 7 and 9 pin minis -
  all 6 or 12 volt, _good_ numbers for receivers
B) Sixty 7 and 9 pin minis -
  all 6 or 12 volt, more _good_ numbers like 6AU6, 6CB6, 6C4, etc.
C) Fourty 7 and 9 pin minis -
  all premium numbers (four digit mostly communications types)
D) Twenty octal rectifiers -
  5R4s, 5U4s, 5V4s, some in the older ST bulbs.
E) Twenty octal rectifiers -
  More 5R4s, 5U4s, 5V4s, some in the older ST bulbs.
F) Fourty loctals -
  mostly 6 and 12 volt types, but a few battery types, too.
G) Thirty big pinners -
  "post 2 digit" types, like 2A5, 6A7, 6C6, 6D6, etc.
H) Fourty glass octals -
  all 6 and 12 volt types, 6F6G, 6K6GT, 6X5GT, 6Y6G, 12Q7GT, etc.

Anyway, as some of you know, I tend to throw in a few extras with each lot, too.

First come, first served.

William Donzelli
aw288@osfn.org

End of BOATANCHORS Digest 3028
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